MAGNAVOX

SMART. VERY SMART.

42MF7000

42" Plasma TV

The dream of the TV that can hang on the wall is now reality. This 42" Flat TV is the ultimate centre piece for any Home Entertainment set up.

- ***Enhanced-definition plasma WVGA display, 852x480p***
- ***3D combfilter separates colors for a razor-sharp image***
- ***Progressive Scan component video for optimized image quality***
- ***Matching stand with elegant design included***
- ***DVI-I provides the best picture and flexible connectivity***

PROGRESSIVE SCAN

3D COMBFILTER

dvi

MAGNAVOX
SMART. VERY SMART.

42MF7000/17
42" Plasma TV

Product specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 1000 cd/m²
- Contrast ratio (typical): 3000:1
- Diagonal screen size: 42 inch / 107 cm
- Visible diagonal screen size: 107 cm
- Display screen type: WVGA Plasma panel
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 160 / 160 degree
- Panel resolution: 852 x 480p

Supported Display Resolution

Resolution	Refresh rate
Video Formats	
1280 x 720p	3Fh
1920 x 1080i	2Fh
640 x 480p	2Fh

- SVGA 800 x 600: 56, 60, 72, 75, 85 Hz
- SXGA 1280 x 1024: 60 Hz
- VGA 640 x 350: 70 Hz
- VGA 640 x 480: 50, 60, 72, 75, 85 Hz
- VGA 720 x 400: 70 Hz
- XGA 1024 x 768: 60, 70, 75, 85 Hz

Sound
- Sound Enhancement: Smart Sound
- Sound System: Stereo
- Output power (RMS): 2 x 5W

Loudspeakers
- Built-in speakers: 2

Convenience
- Ease of Installation: Auto Volume Leveler, Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: On Screen Display, Top Controls
- Remote control type: RC4335/01
- Teletext: Closed Captioning Full Text
- Picture in Picture: Picture in graphics, Picture in picture
- Screen Format Adjustments: 6 Widescreen Modes
- VESA Mount: Vesa compliant
- Child Protection: Child Lock
- Onboard Operating Controls: Program List

Tuner/Reception/Transmission
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC
- Video Playback: NTSC, PAL
- Aerial Input: 75 ohm coaxial (IEC75)

Connectivity
- Other connections: Analog audio Left/Right out, DVI-D, PC-in VGA + Audio L/R in, RS232 Serial, Subwoofer out, VGA out
- AV 1: Audio L/R in, CVBS in, S-Video
- AV 2: Audio L/R in, CVBS, S-Video Y/C
- AV 3: Audio L/R in, YPbPr
- AV 4: Audio L/R in, YPbPr

Power
- Power consumption: 400 W
- Mains power: AC 100V - 240V 50~60 Hz
- Ambient temperature: 5 °C to 40 °C

Dimensions
- Color cabinet: Pearl Silver
- Set dimensions (W x H x D): 1082 x 678 x 95 mm
- Set weight: 31.2 kg

Accessories
- Included Accessories: Table top stand

Plasma WVGA panel, 852 x 480p
This WVGA display with state-of-the-art plasma screen technology has an enhanced widescreen resolution of 852 x 480p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

3D Combfilter
The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

Progressive Scan
Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Bypacked tabletop stand
A table-top stand with matching design is packed with the set.

DVI-I Input
A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analog, it delivers an unblemished and noisefree image, that is clear and flickerfree. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Settop boxes, DVD players and HD recorders. DVI-I is future proof as it can be be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analog PC-VGA signals.

Date of issue 2009-05-03

Version: 1.0.2

12 NC: 8670 000 21189
UPC: 0 37849 94868 2

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.
© 2009 Magnavox.
All Rights reserved.
www.magnavox.com